| <br> | Clair |  |
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|      | 4     |  |

| Application No. | Applicant(s)     |  |
|-----------------|------------------|--|
| 09/997,614      | ASHKENAZI ET AL. |  |
| Examiner        | Art Unit         |  |
| Sandra Wegert   | 1647             |  |

|   | Rejected | - | (Through nu<br>Cancelle |
|---|----------|---|-------------------------|
| : | Allowed  | ÷ | Restricte               |

| (Through numeral)<br>Cancelled | N | Non-Elected  |  |  |  |  |
|--------------------------------|---|--------------|--|--|--|--|
| Restricted                     | ı | Interference |  |  |  |  |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla          | aim  |              |                     |          | Da       | ate      |                         |          |           | -1-  | Cla   | aim                                    |         |          |                 | D             | ate      |           |          |   | -    | Cla   | aim        |                 |              |        | Date              | •        | _        |          |
|--------------|--|--------------|---------------------|----------|----------|----------|-------------------------|----------|-----------|------|-------|--|---------|----------|-----------------|---------------|----------|-----------|----------|---|------|-------|------------|-----------------|--------------|--------|-------------------|----------|----------|----------|
|              | <u></u>                                      | 7            |                     |          |          |          |                         |          |           |      |       | <u></u>                                | HISCHY  |          |                 |               | -        |           |          |   |      |       | <u>, a</u> | 2               |              |        |                   |          |          |          |
| Final        | ij   | 4/26/04      |                     |          |          |          |                         |          |           | -    | Final | Original                               | 73      | 1        |                 |               | -        |           |          |   |      | Final | Original   | 93              | •            |        |                   |          |          |          |
| 证            | ٦  | 12           |                     |          |          | İ        | 1                       |          |           | 2=   | iΞ    | ٦                                      | +2      | 1        |                 | į.            | ļ        |           |          |   | 9    | Ξ     | Ğ.         | 2               | _            |        |                   |          |          |          |
|              | Lĭ   | 2            |                     |          | $\perp$  | 1        | 1_                      |          |           |      |       | <u> </u>                               | 2       | 1_       |                 |               | _ _      | 1         | $\perp$  |   |      |       |            | 7               | `            |        | 1                 |          |          |          |
|              | $\perp 1$                                    | <b>_</b>     |                     |          |          |          | 1                       |          |           | -    |       | 51                                     | $\perp$ | ļ        |                 |               | _ļ_      | 1         | 1        |   |      |       | 101        |                 |              |        |                   |          | $\perp$  |          |
|              | 1  |              | $\Box$              |          | $\perp$  |          |                         |          |           |      |       | 52                                     |         | _        | Ш               |               | _        | 4_        | $\sqcup$ | _ |      |       | 102<br>103 |                 |              |        |                   |          |          | —        |
|              | 3  | _            |                     |          |          |          |                         |          |           |      |       | 53                                     | $\perp$ |          |                 |               |          | 4-        | $\perp$  | _ | 137  |       | 103        |                 | _            | _ _    | $\perp$           |          | $\dashv$ |          |
|              | 4  |              |                     |          | _        | <u> </u> |                         |          |           | 0.   |       | 51<br>52<br>53<br>54<br>55<br>56<br>57 | $\perp$ |          | $\square$       |               |          | $\perp$   |          |   | 1 4  |       | 104<br>105 | <u> </u>        |              | _      | $\perp$           |          | $\dashv$ | _        |
|              | 1  | _            | Ш                   | _        | 4        |          | $\perp$                 |          |           | -    |       | 55                                     | +-      | -        | $\square$       |               | $\perp$  | $\perp$   | -        |   | × ·  |       | 105        | Щ               | _            |        |                   | _        |          | —        |
|              | 6  |              | _                   | _        |          |          |                         |          | _         |      |       | 56                                     | +-      | -        | $\vdash$        | $\rightarrow$ |          | -         | 1-1      |   |      |       | 106        | $\sqcup$        | _            | -      | $\perp$           | _        | _        |          |
|              | 1  |              | _                   | _        | $\perp$  | $\bot$   | -                       |          |           | 3,4  |       | 3/                                     | +       | ╄-       |                 | _             |          | +         | 1 1      |   |      |       | 107        |                 |              |        | +                 | _        | $\perp$  | +        |
|              | 8  | $\vdash$     | $\dashv$            | -+       | +        | -        | 1                       |          |           | - 1  |       | 58<br>59<br>60                         | +       | _        | $\vdash$        | _             |          | -         |          |   |      |       | 108        |                 |              |        | +                 |          | +        | +        |
|              | 9  | -            |                     | $\dashv$ | +        | 1        | $\perp$                 |          | -         |      |       | 29                                     | +       | -        | $\vdash$        |               | _        | -         | +        |   | ٠,   |       | 109        | $\vdash$        | _            | +      |                   |          |          | -        |
| <u> </u>     | 10   | -            | $\vdash \downarrow$ | _        |          |          |                         | $\dashv$ | _         | - 3  |       | <del>   </del>                         | +       | -        | $\vdash \vdash$ | $\dashv$      | +        | +         | +        |   |      |       | 110        | $\vdash \vdash$ | _            | +-     |                   |          |          | -        |
|              | 11   | -            |                     | -        | +        | +        |                         |          |           | - 1  |       | <u>d1</u>                              | +       | +        | $\vdash$        |               | -        |           | +        |   |      |       | 111        | $\vdash$        |              | +      | +                 |          | $\dashv$ | +        |
|              | 12   | -            | $\vdash$            | $\dashv$ | +        | +        | $\vdash$                | $\Box$   | 4         | 1-   |       | 61<br>62<br>63                         | +-      | -        |                 | $\dashv$      | +        | -         | +        |   |      |       | 112        | $\vdash$        | _            | +      | +                 |          | +        | +        |
| <u> </u>     | 13   |              | $\vdash$            | 1        | -        |          | 1                       | $\dashv$ | $\dashv$  | -    |       | 03                                     | +-      | <b>-</b> | $\vdash$        | +             | $\perp$  | -         | +        |   |      |       | 113        |                 | -+           | +      | +                 |          |          |          |
| <u> </u>     | 14   | μ,           |                     | _        | +        | _        | $\vdash$                |          |           | . 3  |       | 64<br>65                               | +       | +        | $\vdash$        | +             | +        | -         | +        | _ |      |       | 1114       | $\vdash$        |              | +      | +-1               |          | $\dashv$ | +        |
|              | 15   | 1            |                     | -        |          | +        | $\vdash$                | $\sqcup$ |           | -    |       | 95                                     | +       | +        | $\vdash$        | +             | - -      | +-        |          |   |      |       | 115        | $\vdash \vdash$ | +            | +      | +                 | -1       | +        | +        |
|              | 16   | $\perp$      | $\vdash$            | 1        |          |          | $\vdash$                | $\vdash$ | $\dashv$  | - 16 |       | 66<br>67                               | +-      |          | Н               | +             | +        | +         |          |   |      |       | 116        | $\vdash \vdash$ | +            | +      | +                 |          | +        | +        |
|              | 17   | <del> </del> | $\vdash$            | +        | -        |          | $\vdash$                | $\dashv$ | $\dashv$  | T    |       | 9/                                     | +       | +-       | $\vdash$        |               | +        | +         | +        |   | -    |       | 1 7<br>1 8 | $\vdash \vdash$ | +            | +      | +                 | _        | +        | +        |
| <u> </u>     | 18   |              |                     | -        | -        | -        |                         |          |           | 18.  |       | 68<br>69                               | +       | +-       | $\vdash$        |               |          | +         | +        | _ | -0   |       | 110        |                 | 4            |        |                   |          | +        | $+\!\!-$ |
|              | 19   | <b></b>      | -                   | $\dashv$ | _        | _        |                         |          | _         |      |       | 99                                     | +       | ┿-       |                 |               |          |           | +        |   | -    |       | 119        | $[\mathcal{A}]$ | 4            |        |                   |          |          |          |
|              | 20   |              | -                   | -        | -        | +        | -                       |          |           |      |       | 70                                     | +       |          | Н               | -             | +        | +-        | +        |   |      |       | 120        | Y               | $\leftarrow$ | +      | -                 | _        | +        | +        |
| <u> </u>     | 21   | 4            |                     | $\dashv$ | +        |          |                         |          |           |      |       | 71                                     | -       |          |                 | _             | -        | ╁.        | +        |   | 2 1  |       | 121        | V               | <u> </u>     | -      |                   |          |          |          |
|              | 22   | +-           |                     | $\dashv$ | _        | +-       |                         |          | $\dashv$  |      |       | 72                                     | +-      |          |                 |               |          |           | +        |   |      |       | 122        | V               | <u> </u>     |        |                   |          | +        | +        |
| ļ            | 23   | +            | $\vdash$            | $\dashv$ | -        |          | $\vdash$                | $\dashv$ | $\dashv$  | Ξ,   |       | 73                                     | +       | +        |                 |               |          |           | +        |   |      |       | 123<br>124 | Ň               | 4            | +      | +                 | -        | +        | +        |
| <u> </u>     | 24<br>25                                     | +            |                     | $\dashv$ |          | +-       | $\vdash$                | -        | $\dashv$  | - 4  |       | 74<br>75                               | ┿       |          | $\vdash$        |               | +        | +         | +        |   | * 4  |       | 125        | Ĭ               | -            |        | +                 |          | -+       |          |
|              | 26   | -            | -                   | $\dashv$ | +        | +-       |                         |          |           | 1    |       | 10                                     | +       | +        | $\vdash$        |               | +        | +         |          |   |      |       | 126        | <b>X</b>        |              | +      | +                 | -        | +        | +        |
|              | 27   | +            |                     | $\dashv$ | -        | +        | -                       |          |           |      |       | 76<br>77                               | +       | +        | $\vdash$        |               | $\dashv$ | +         | +        | _ |      |       | 127        | <b>7</b>        | ,            |        | +                 | -        | +        | +        |
|              | 28   | +            |                     | +        | +        | +        |                         |          | $\dashv$  |      |       | 78                                     | +       | +        | $\vdash$        |               |          | ╁         | +        |   | - 4  |       | 128        | <del>  `/</del> |              | +      | +                 | $\dashv$ | +        | +        |
| <u> </u>     | 29   | +            |                     | $\dashv$ | +        | +        | $\vdash$                | $\dashv$ |           | -1   |       | 79                                     | +       | +        | $\vdash$        |               | +        | +         |          |   | ٠- ا |       | 129        | V               |              |        | +                 |          | +        | +        |
|              |  | +            | $\vdash$            | +        | +        | +        | $\vdash$                | $\dashv$ |           | 100  |       | 80                                     | +       | +        | H               |               | +        | -         | +        |   |      |       | 130        | 1               | -            | +      | +                 |          | +        | +        |
|              | 61   | +            |                     | $\dashv$ |          | -        |                         |          | $\dashv$  | 1 1  |       | 81                                     | +       | +        | ╁─┤             |               | +        | +-        | +        |   |      |       | 131        | y               |              | +      | +                 | -        | -+       | +-       |
| <del> </del> | 1  | -            |                     | -+       | -+-      |          | $\vdash$                |          | $\dashv$  | - 3  | -     | 82                                     | +       | +        | $\vdash$        | $\dashv$      | +        | +         | + 1      |   | 1    |       | 132        | $\vdash$        | -            | +      | +                 |          | -        | +        |
| <del> </del> | 1  | $\vdash$     |                     | $\dashv$ | +        | +-       | $\vdash$                | $\dashv$ | -         | - 3  |       | 83                                     | +       | +        | $\vdash$        | $\dashv$      | +        | +         | + 1      |   |      |       | 133        | $\vdash$        | -+           | +-     | +                 | $\dashv$ | +        | +        |
| ļ            | 1  | +            |                     | +        | +        | +        | $\vdash$                |          | $\dashv$  |      |       | 84                                     | +       | +        | $\vdash$        | $\dashv$      | $\dashv$ | +         | +        |   | **   |       | 134        |                 | +            | +      | +                 |          | $\dashv$ |          |
| <u> </u>     | 30<br>31<br>32<br>33<br>34<br>35<br>36<br>37 | +-           | <del>   </del>      | $\dashv$ | +        | +        | $\vdash$                |          | $\dashv$  | 9    |       | 85                                     | +       | +        |                 | $\dashv$      | +        | +         | + +      |   | È.,  |       | 135        | $\vdash$        | +            | +      | +                 | -        | -        |          |
| <b>-</b>     | 186  | $\vdash$     | $\vdash$            | $\dashv$ | +        | 1        | Н                       | -        |           |      |       | 86                                     | +       | +-       |                 |               | +        | $\dagger$ | 1 1      |   | **   |       | 136        | Н               | -            | $\top$ | +                 | $\neg$   | $\dashv$ | +        |
|              | 137  |              | $\vdash$            | $\dashv$ |          |          | $\dagger \lnot \dagger$ | $\dashv$ | $\dashv$  | 23   |       | 87                                     | T       | +        | $\vdash$        | $\dashv$      | +        | +-        | 1-1      |   | 2    |       | 137        | $\vdash$        | -+-          | +-     | $\vdash$          |          | +        | +        |
| <u> </u>     | 38   | $\vdash$     |                     | -+       |          | +        | $\vdash$                |          | $\dashv$  |      |       | 88                                     | T       | +        | $\vdash \vdash$ | $\dashv$      | +        | +-        | 1-1      |   | 1    |       | 138        | $\vdash$        | -            |        | +                 |          | $\dashv$ | +        |
|              | 39   | 1            |                     | $\dashv$ | +        |          | $\Box$                  | $\vdash$ |           | . 1  |       | 89                                     | +       | +        | $\vdash$        | -             | +        | $\top$    | +        |   |      |       | 139        | H               | $\dashv$     | $\top$ |                   |          | $\top$   | +        |
|              | 40   |              |                     | +        | +        | +        | +                       |          |           |      |       | 90                                     | +       | +-       | $\vdash$        | 7             | +        | $\top$    | +        | - | *    |       | 140        |                 | $\dashv$     | +      | +                 |          | +        | +        |
|              |  | -            | $\vdash$            | $\dashv$ | +        |          | H                       | $\dashv$ |           | 1.37 |       | 91                                     | +-      | +        | -               |               | +        | $\top$    | +        |   | 4    |       | 141        | H               | $\dashv$     | $\top$ | +                 | _        | $\neg$   | +        |
| <u> </u>     | #1<br>#2                                     | +            |                     | $\dashv$ | +        | 1        | $\Box$                  | $\vdash$ | $\dashv$  | . 1  |       | 91<br>92<br>93                         | T       | +-       | $\vdash$        | $\dashv$      | +        | $\top$    | +        |   | . 1  |       | 142        |                 | _            | +      | $\top$            |          | $\dashv$ | +        |
| <u> </u>     | 43   |              | H                   | $\dashv$ | +        |          | +                       | $\dashv$ |           | (    |       | 93                                     | $\top$  | +        | $\vdash$        | $\dashv$      | $\top$   | $\top$    | +        |   | -    |       | 143        | $\Box$          | $\dashv$     | +      |                   | _        | +        | +        |
| <b></b>      | 44   | +            | $\vdash$            | $\dashv$ | +        | +        | +                       | $\vdash$ |           | -4   |       | 34                                     | T       | †-       | H               | +             | $\top$   | +         |          |   | . 1  |       | 144        | -               |              | $\top$ | T                 |          | $\top$   | +        |
| <u> </u>     | 15   |              |                     | $\dashv$ | +        | +        | +-                      |          |           |      |       | 94<br>95<br>96<br>97                   | T       | +        | $\Box$          | $\dashv$      | $\dashv$ | +         | 1-1      |   |      |       | 145        | H               | $\dashv$     | 十      | $\dagger \exists$ | $\neg$   | $\top$   | +        |
| <u> </u>     | 16   |              | H                   | $\dashv$ | $\dashv$ |          | +                       | $\dashv$ | $\dashv$  | ì. · |       | 36                                     | T       | +        | $\vdash \vdash$ | $\dashv$      | $\dashv$ | +         | + +      |   |      |       | 146        | $  \cdot  $     | -            | +      | $\Box$            | $\neg$   | $\dashv$ | +        |
| <u> </u>     | 17   | $\vdash$     | H                   | $\dashv$ | +        | 1-       | +-                      | $\dashv$ | =         | ٠.   |       | 37                                     | +       | +        | H               | $\dashv$      | +        | +         | 1-1      |   |      |       | 147        | $\vdash$        | +            | $\top$ | +                 | $\dashv$ | +        | +        |
|              | 18   | H            | $\dashv$            | 十        | +-       | +        | $\vdash$                | $\dashv$ | $\dashv$  |      |       | da                                     | T       | +        |                 | +             | +        | +-        | +        |   |      |       | 148        | $\vdash$        | $\dashv$     | +-     | $\Box$            |          | -        | +        |
|              | 19   | +            | $\vdash$            | $\dashv$ | +        | +        | +                       | -        | $\exists$ |      |       | 98<br>99<br>100                        | +       | +-       | H               | $\dashv$      | +-       | +         | +        |   | 3    |       | 149        | $\vdash$        | +            | $\top$ | +-1               |          | +        | +        |
|              | 50   | $\top$       | $\vdash$            | 7        | +        | -        | $\vdash$                | -+       | ᅱ         |      |       | 150                                    | 1       | +-       | Н               | $\dashv$      | +        | T         | 1-1      |   |      |       | 150        | $\vdash$        | $\dashv$     |        | 1                 |          | $\top$   | +        |
| <u> </u>     | r  |              | اا                  |          |          |          | لــــــــا              | LL       |           |      |       |  |         |          | ш               |               |          |           | L        |   |      |       |            | ш_              |              |        |                   |          |          |          |